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PTO/SB/05 (11-00) Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION **TRANSMITTAL**

| Attorney Docket No. | | 030082.0019.UTL | | |
|---------------------|---|-----------------|--|--|
| First Inventor | | Yet-Zen Liu | | |
| Title | METHOD AND APPARATUS FOR REDUCING POWER SATURATION IN PHOTODETECTOR | | | |

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No.

EL675946139US

| ADDI | ICATION ELEMENTS | | | Assistant Con | nmissioner for Pate | ents |
|---|---|---------------------------------------|---|--|---|------|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | ADD | | Box Patent Ap | | |
| See MPEP chapter 600 cor 1. Fee Transmir (Submit an origin 2. Applicant cla See 37 CFR 3. Specification (preferred arrang - Descriptive - Cross Refe - Statement - Reference or a computer - Backgroun - Brief Sumr - Brief Desc - Detailed D - Claim(s) - Abstract of 4. Drawing(s) (3 5. Oath or Declaration a. Newl | tal Form (e.g., PTO/SB/17) al and a duplicate for fee processing) times small entity status. 1.27. [Total Pages 12] a title of the invention erence to Related Applications Regarding Fed sponsored R & D to sequence listing, a table, iter program listing appendix d of the Invention nary of the Invention ription of the Drawings (if filed) escription [Total Sheets 3] | 9. 10. 11. 12. 13. 14. | CD-ROM or CI Computer Prog Nucleotide and/or Ami (if applicable, all nece a. Computer b. Specification Sec i. Ci ii. pa c. Statemen ACCOMPANY Assignment Pap 37 CFR 3.73(b) (when there is a English Translat Information Disc Statement (IDS) Preliminary Ame Return Receipt (Should be spec | Vashington, in Dear in duplication of Acid Sequence Acid Sequence Listing Deromatics verifying identification Document of Acid Sequence Cover should be assigned for the Acid Sequence of Acid Se | ate, large table or dix) tence Submission form (CRF) g on: D-R (2 copies); or tentity of above coperation parts tentity of above coperation part (if applicable) Copies of Citations | i) |
| 6. Application D | the pnor application, see 37 CFR 1.63(d)(2) and 1.33(b). | 16. 17. | Request and Ce | ertification und licant must at | der 35 U.S.C. 122 tach form PTO/SB | /35 |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information. Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | _ |
| | 19. CORRESPONDEN Code Label 23865 | Marai de contrata | | | | |
| Customer Number or Bar | Code Label 23003 (Insert Customer No. or Attach | | or abel here) | Corres | spondence address below | ′ |
| Name | Jonathan L. Pettit | | | | | |
| | Brobeck, Phleger & Harrison LLP | | | | | |
| Address | 12390 El Camino Real | | | | | |
| City | San Diego | State | CA | Zip Cod | le 92130-208 | 1 |
| Country | USA Tele | phone | 858/720-2500 | Fax | 858/720-25 | 555 |
| Name (Print/Type) | Jonathan L. Pettit | Reg | gistration No. (Attorne | ey/Agent) | 40,770 | |
| Signature | Jonathand tettet | | | Date | 10/19/01 | J |

PTO/SB/17 (10-01)
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| | | | Complete if Known | | | |
|----------------------------|------------------|----------------------|-------------------|--|--|--|
| FEE TRANS | MITTAI | Application Number | To be assigned | | | |
| | | Filing Date | Herewith | | | |
| for FY 2002 | | First Named Inventor | Yet-Zen Liu | | | |
| | | Examiner Name | To be assigned | | | |
| Patent fees are subject to | annual revision. | Group Art Unit | To be assigned | | | |
| OTAL AMOUNT OF PAYMENT | (\$)412.00 | Attorney Docket No. | 030082 0019 UTL | | | |

| METHOD OF PAYMENT | FEE CALCULATION (continued) | | | | | |
|---|-----------------------------|----------------------------|-------------|-----------------------|---|----------|
| The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to: Deposit | 3. ADI | DITIONA Large Entity | AL FE | ES Small Entity | | |
| Account Number 50-1273 | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| Deposit | 105 | 130 | 205 | 65 | Surcharge – late filing fee or oath | |
| Account Name Brobeck, Phleger & Harrison LLP | 127 | 50 | 227 | 25 | Surcharge – late provisional filing fee or cover sheet | |
| Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17 | 139 | 130 | 139 | 130 | Non-English specification | |
| Applicant claims small entity status See | 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 2. 🛭 Payment Enclosed: | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| TeE CALCULATION | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1. BASIC FILING FEE | 115 | 110 | 215 | 55 | Extension for reply within first month | |
| Large Entity Small Entity | 116 | 400 | 216 | 200 | Extension for reply within second month | |
| Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) | 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 101 740 201 370 Utility filing fee 370.00 | 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 106 330 206 165 Design filing fee | 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 107 510 207 255 Plant filing fee | 119 | 320 | 219 | 160 | Notice of Appeal | |
| 108 740 208 370 Reissue filing fee | 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 114 160 214 80 Provisional filing fee | 121 | 280 | 221 | 140 | Request for oral hearing | |
| SUBTOTAL (1) (\$)370.00 | | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 2. EXTRA CLAIM FEES | | 110 | 240 | 55 | Petition to revive – unavoidable | |
| Fee from Extra Claims below Fee Paid | 141 | 1,280 | 241 | 640 | Petition to revive – unintentional | |
| Total Claims 11 -20** = 0 X | 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| Independent 3** - Y | 143 | 460 | 243 | 230 | Design issue fee | |
| Claims 42.00 42.00 | 144 | 620 | 244 | 310 | Plant issue fee | |
| Multiple Dependent Large Entity Small Entity | 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description | 123 126 | 50 180 | 123 126 | 50 180 | Processing fee under 37 CFR 1.17(q) Submission of Information Disclosure Stmt | |
| Code (\$) Code (\$) | 581 | 40 | 581 | 40 | Recording each patent assignment per | |
| 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 | | | | | property (times number of properties) | |
| 104 280 204 140 Multiple dependent claim, if not | 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| paid 109 84 209 42 ** Reissue independent claims over original patent | 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 110 18 210 9 ** Reissue claims in excess of 20 | 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| and over original patent | 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| SUBTOTAL (2) (\$)42.00 | Other fe | e (specii | <i>fy)</i> | | | |
| **or number previously paid, if greater, For Reissues, see above | *Reduce | ed by Ba | sic Filin | g Fee F | Paid SUBTOTAL (3) (\$) | |

| SUBMITTED BY | | Complete (if applicable) | | | | |
|-------------------|--------------------|--------------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Jonathan L. Pettit | | Registration No. (Attorney/Agent) | 40,770 | Telephone | (858) 720-2500 |
| Signature | Jonatha | ~ Hotel | | | Date | 10/19/01 |

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

UTILITY APPLICATION

UNDER 37 CFR § 1.53(B)

TITLE:

METHOD AND APPARATUS FOR REDUCING POWER

SATURATION IN PHOTODETECTORS

APPLICANT(S):

LIU, YET-ZEN

Correspondence Enclosed:

Utility Application Transmittal Sheet and FY 2001 Fee Transmittal Sheet (2pgs); Description (9pgs); Claims (2pgs); Abstract (1pg); Drawings Figures 1-3 (3 sheets); Check in the amount of \$412.00;

and Return Postcard.

"EXPRESS MAIL" Mailing Label Number EL675946139US Date of Deposit October 19, 2001 I hereby certify under 37 CFR §1.10 that this correspondence (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Josh Gibbs